

Patent
Docket No.: NAN009

Declaration and Power of Attorney for a Patent Application

Declaration

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below next to my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DUAL DIE MEMORY

the specification of which:

is attached hereto, or
 was filed on July 15, 1999 as application serial no. 09/354,288 : and
 was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
_____	_____	_____	<input type="checkbox"/> yes <input type="checkbox"/> no
_____	_____	_____	<input type="checkbox"/> yes <input type="checkbox"/> no

U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented / pending / abandoned)
_____	_____	_____
_____	_____	_____
_____	_____	_____

Patent
Docket No.: NAN009**Power of Attorney**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Patrick T. KingRegistration No.: 28,231

Send correspondence to: Law Offices of Patrick T. King, 3361 Aptos Rancho Road, Aptos, CA 95003-3964
Direct telephone calls to: Patrick T. King (831) 685-6100

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Inventor's Signature: John M. Callahan Date: 7.19.99
Full Name: JOHN M. CALLAHAN Citizenship: U.S.

Residence Address: 9610 Alcosta Blvd., San Ramon, CA 94583

Post Office Address: 9610 Alcosta Blvd., San Ramon, CA 94583

Second Inventor's Signature: _____ Date: _____

Full Name: _____ Citizenship: _____

Residence Address: _____

Post Office Address: _____

Third Inventor's Signature: _____ Date: _____

Full Name: _____ Citizenship: _____

Residence Address: _____

Post Office Address: _____

Fourth Inventor's Signature: _____ Date: _____

Full Name: _____ Citizenship: _____

Residence Address: _____

Post Office Address: _____

Fifth Inventor's Signature: _____ Date: _____

Full Name: _____ Citizenship: _____

Residence Address: _____

Post Office Address: _____

Sixth Inventor's Signature: _____ Date: _____

Full Name: _____ Citizenship: _____

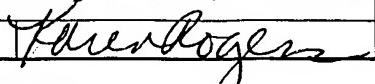
Residence Address: _____

Post Office Address: _____

Patent

Verified Statement Claiming Small Entity Status (37 CFR 1.9(f) and 1.27(c)) - Small Business Concern

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Assistant Commissioner for Patents, U.S. Patent and Trademark Office Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	8/19/99	Name of Person Making the Deposit:	Karen Rogers	Signature of the Person Making the Deposit:	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: NAN009

Inventor(s): John M. Callahan

Serial No.: 09/354,288

Group Art Unit: Unknown

Filed: July 15, 1999

Examiner: Unknown

Title: DUAL DIE MEMORY

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Verified Statement Claiming Small Entity Status (37 CFR 1.91(f) and 1.27(c)) -- Small Business Concern

I hereby state that I am:

the owner of the small business concern identified below:

an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern: NANOAMP SOLUTIONS, INC.

Address of Small Business Concern: 1982-B Zanker Road

San Jose, CA 95112

I hereby state that the above identified small business concern qualifies as a small business concern, as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office under Sections 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby state that the rights under contract or law have been conveyed to, and remain with, the small business concern identified above, with regard to the invention described in

the specification filed herewith, with title as listed above.

the application identified above.

the patent identified above.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c), if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 119(d) or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate statements are required from each named person, concern or organization having right to the invention as to their status as small entities. (37 CFR 1.27)

Each such person, concern or organization having any rights in the invention is listed below:

- No such person, concern, or organization exists.
 Each such person, concern or organization is listed below.

Full Name: _____
Address: _____

Individual Small Business Concern Nonprofit Organization

Full Name: _____
Address: _____

Individual Small Business Concern Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

(check the following item, if desired)

NOTE: The following verification statement need not be made in accordance with the rules published on Oct. 10, 1997, 62 Fed. Reg. 52,131, effective Dec. 1, 1997.

NOTE: *The presentation to the Office (whether by signing, filing, submitting, or later advocating) of any paper by a party, whether a practitioner or non-practitioner, constitutes a certification under § 10.18(b) of this chapter. Violations of § 10.18(b)(2) of this chapter by a party, whether a practitioner or non-practitioner, may result in the imposition of sanctions under § 10.18(c) of this chapter. Any practitioner violating § 10.18(b) may also be subject to disciplinary action. See §§ 10.18(d) and 10.23(c)(15).” 37 C.F.R. § 1.4(d)(2).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing:	MARK W. EBEL
Title of Person if Other than Owner:	Co-President
Address of Person Signing:	Nanoamp Solutions, Inc. 1982-B Zanker Road San Jose, CA 95112
Signature:	 Date: 7-29-99
Signature:	Date:

Declaration and Power of Attorney for a Patent Application

Declaration

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below next to my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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.....	yes no

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Power of Attorney

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Patrick T. King Registration No.: 28,231

Send correspondence to: Law Offices of Patrick T. King, 3361 Aptos Rancho Road, Aptos, CA 95003-3964
Direct telephone calls to: Patrick T. King (831) 685-6100

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Sole or First Inventor's Signature: *John M. Callahan* Date: 11-23-01
Full Name: JOHN M. CALLAHAN Citizenship: U.S.
Residence Address: 9610 Alcosta Blvd., San Ramon, CA 94583
Post Office Address: 9610 Alcosta Blvd., San Ramon, CA 94583

Second Inventor's Signature: Date:
Full Name: Citizenship:
Residence Address:
Post Office Address:

Third Inventor's Signature: Date:
Full Name: Citizenship:
Residence Address:
Post Office Address:

Fourth Inventor's Signature: Date:
Full Name: Citizenship:
Residence Address:
Post Office Address:

Fifth Inventor's Signature: Date:
Full Name: Citizenship:
Residence Address:
Post Office Address:

Sixth Inventor's Signature: Date:
Full Name: Citizenship:
Residence Address:
Post Office Address:



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 27, 1999

PTAS

LAW OFFICES OF PATRICK T. KING
PATRICK T. KING
3361 APTOS RANCHO ROAD
APTOS, CA 95003



101129534A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/23/1999

REEL/FRAME: 010191/0122
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

CALLAHAN, JOHN M.

DOC DATE: 07/19/1999

ASSIGNEE:

NANOAMP SOLUTIONS, INC.
1982-B ZANKER ROAD
SAN JOSE, CALIFORNIA 95112

SERIAL NUMBER: 09354288
PATENT NUMBER:

FILING DATE: 07/15/1999
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS